

19970710.qrp qrp-por0.782
 >From owner-qrp-l@Lehigh.EDU Wed Jul 9 18:04 CDT 1997
 >Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])
 > by uro.theporch.com (8.8.7.Beta1/A-UX-3.1.1) with ESMTTP id SAA07781
 > for <shimshon@uro.theporch.com>; Wed, 9 Jul 1997 18:04:29 -0500 (CDT)
 >Received: from fidoii.CC.lehigh.EDU (fidoii.CC.lehigh.EDU [128.180.1.4])
 > by sco.theporch.com (8.8.7.Beta1/SCO-5.0.2) with ESMTTP id XAA09381
 > for <shimshon@theporch.com>; Wed, 9 Jul 1997 23:04:13 GMT
 >Received: from Lehigh.EDU ([127.0.0.1]) by fidoii.cc.Lehigh.EDU with SMTP id
 <35105-68884>; Wed, 9 Jul 1997 19:03:35 -0400
 >Date: Wed, 9 Jul 1997 19:03:06 EDT
 >Sender: owner-qrp-l@Lehigh.EDU
 >Precedence: bulk
 >From: qrp-l@Lehigh.EDU
 >To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
 >Subject: QRP-L digest 782
 >Mime-Version: 1.0
 >Content-Type: text/plain; charset=us-ascii
 >X-Listprocessor-Version: 8.1 beta -- ListProcessor(tm) by CREN
 >Message-Id: <97Jul9.190335edt.35105-68884+123@fidoii.cc.Lehigh.EDU>
 >Status: 0

QRP-L Digest 782

Topics covered in this issue include:

- 1) [22740] 20m goes nuts - Anyone else notice?
by "Wilford D. Lindsey" <70511.3041@compuserve.com>
- 2) [22741] Antenna coax feed problem question
by faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
- 3) [22742] Re: Hamstick mobile
by Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
- 4) [22743] Re: Pixie, Thoreau, QRO
by w4bws@juno.com (Donald E Sanders)
- 5) [22744] Re: 10m J-POLE
by k7sz@juno.com (Richard H. Arland)
- 6) [22745] ARS Spartan Sprint
by Jim Francoeur KC1FB <jim_kc1fb@pipeline.com>
- 7) [22746] Re: ant. coil, striping wire
by k5zty@juno.com (WILLIAM A STIETENROTH)
- 8) [22747] Re: 10m J-POLE
by Alan Kaul <kaul@netcom.com>
- 9) [22748] Re: N4BP FD 1A, Guano Reef Bashful Perverts
by Kevin Bunin <p014455b@pb.seflin.org>
- 10) [22749] Re: Not responding to QRP stations
by Kevin Bunin <p014455b@pb.seflin.org>
- 11) [22750] Re: 10m J-POLE
by Bob Roach <KE4QOK@worldnet.att.net>

- 12) [22751] Spartan Sprint
by Joel Malman <malman@BBN.COM>
- 13) [22752] SST 30m first QSO >K4TWJ !!
by Dennis Terribile <wr4i@mindspring.com>
- 14) [22753] Re: installation Help - coax -
by "Claton Cadmus" <aplitech@spacestar.net>
- 15) [22754] Spartan Sprint, results ????
by Richard Wilkerson <richqrp@cts.com>
- 16) [22755] Re: Guano Reef Bashful Perverts
by Bill Todd <bill@techline.com>
- 17) [22756] "Choking" the SST
by talljazz@teleport.com (Dan Presley)
- 18) [22757] Re: "Renewal" batteries
by DYARNES@aol.com
- 19) [22758] RE: Portable logging computers
by Steve Silverwood <kb6ojs@earthlink.net>
- 20) [22759] RE: Portable logging computers
by Steve Silverwood <kb6ojs@earthlink.net>
- 21) [22760] Re: Guano Reef Bashful Perverts
by Bob Patten <n4bp@shadow.net>
- 22) [22761] RUFZ V3
by "Karl-Heinz Merscher" <Karl-Heinz.Merscher@stud.uni-bayreuth.de>
- 23) [22762] Wanted: MR-1 or PM-1 from Ten-Tec
by Markus Zimmermann <100724.2637@CompuServe.COM>
- 24) [22763] Re: coil info
by FAITHD@dnr.state.wi.us (Don C. Faith III, AM/7, \ (608\) 267-3135)
- 25) [22764] Re: Pixie, Thoreau, QRO
by Brian Cieslak <brianc@ams-i.com>
- 26) [22765] Re: "Renewal" batteries
by AA0QX <AA0QX@prodigy.net>
- 27) [22766] Re: Pixie, Thoreau, QRO -Reply
by Paul Cereste <cereste@myapc.com>
- 28) [22767] Re: Hamstick mobile
by W3GX@aol.com
- 29) [22768] Re: AA5EA QSL? es 3o M QRP-L Calling freq.?
by W3GX@aol.com
- 30) [22769] auttech qf1a info
by Jim <kw3u@warwick.net>
- 31) [22770] Vanity call fees
by W3GX@aol.com
- 32) [22771] Re: Pixie, Thoreau, QRO -Reply
by Ed Pacyna <pacyna@auratek.com>
- 33) [22772] Re: [22659] Pixie, Thoreau, QRO
by Bob Schreibmaier <k3ph@dxis.monroe.pa.us>
- 34) [22773] installation Help - coax
by Brad Mugleston <bmug@gwl.com>
- 35) [22774] 49Mhz to 6Meters conversion?
by Mark Oeltjenbruns <marko@winternet.com>

- 36) [22775] Hawaii on 20m - Good Op
by Joe Gervais <vole@primenet.com>
- 37) [22776] HOTWATER MODS
by Sam Billingsley <sbillingsley@mindspring.com>
- 38) [22777] Re: Pixie, Thoreau, QRO
by "Bob Follett" <bfollett@ditell.com>
- 39) [22778] Re:Pixie, Thoreau, QRO
by Bradley Mitchell <wb8ygg@rocketmail.com>
- 40) [22779] 50/40/30 results from WI
by Brian Cieslak <brianc@ams-i.com>
- 41) [22780] ANTENNA NOTE
by ARDUJENSKI@aol.com
- 42) [22781] RE: 49Mhz to 6Meters conversion?
by pthomson@bruderhof.com
- 43) [22782] Re: Spartan Sprint, results ????
by John Watrous <jwatrous@groucho.santarosa.edu>
- 44) [22783] Re: Hawaii on 20m
by John Evans - N3Q00 <jae@codenet.net>
- 45) [22784] Thanks for the help
by "L.C. Chadbourne" <lynnc@ibm.net>
- 46) [22785] HI 20
by mike@krypton.nmr.Hawaii.Edu (Mike W. Burger)
- 47) [22786] Comparative between RIGs
by "Juan A. Bertolin" <jbertolino@nexo.es>
- 48) [22787] Weed Wacker line
by "Thomas J. Whalen" <whalen@swcp.com>
- 49) [22788] Re: 49Mhz to 6Meters conversion?
by chunt@macromedia.com (Christian Hunt)
- 50) [22789] qf1a info
by Jim <kw3u@warwick.net>
- 51) [22790] Re: Advanced Training
by Bill Howell <bhowell@mail.utexas.edu>
- 52) [22791] Re: 49Mhz to 6Meters conversion?
by "Dana H. Myers" <myers@bigboy.West.Sun.COM>
- 53) [22792] "Bi-" Pride ?
by Brian Short <SHORTCKT@primenet.com>
- 54) [22793] Battery prices!?!
by Sandy W5TVW <ebjr@worldnet.att.net>
- 55) [22794] Hotwater Handbook by Michael Bryce (Info)
by Sam Billingsley <sbillingsley@mindspring.com>
- 56) [22795] Re: Pixie, Thoreau, QRO -Reply
by Monte Stark <ku7y@sage.dri.edu>
- 57) [22796] Wtd: small rcvr
by ROBERT PENNEYS <radio@UDe1.Edu>
- 58) [22797] Re: Guano Reef Bashful Perverts
by Kevin Bunin <p014455b@pb.seflin.org>
- 59) [22798] Re: 49Mhz to 6Meters conversion?
by wb2vuo@juno.com (William K Hibbert)

- 60) [22799] Tech America/Radio Shack
by Ed Loranger <we6w@qsl.net>
- 61) [22800] Tech America Store in Denver, CO
by John Evans - N3Q00 <jae@codenet.net>
- 62) [22801] Hamcalc-28 HELP
by G4YND@aol.com
- 63) [22802] FS: Attenuators
by dannyayers@juno.com (Danny K Ayers)
- 64) [22803] Re: FS: Attenuators
by Ed Tanton <n4xy@bellsouth.net>

Date: 08 Jul 97 19:03:33 EDT
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
To: "INTERNET:vole@primenet.com" <vole@primenet.com>, "W.D. (Doc) Lindsey/K0EVZ" <70511.3041@compuserve.com>, QRP-L Discussion Group <QRP-L@Lehigh.EDU>
Subject: [22740] 20m goes nuts - Anyone else notice?
Message-ID: <970708230333_70511.3041_IHD57-6@CompuServe.COM>

Joe:

Yep I noticed the weirdness, too. Made only 11 QSO's...all of them on 20 metres. Couldn't hear any "CQ SP" on 40. Did hear what sounded like a QRO guy working a JA on DX. QRM/QRN was just too tough. So back to 20.

QRN was a huge challenge on 20 also. And what was really strange was that all my Q's were all west, southwest or northwest of my QTH. Didn't even hear anyone on the right side or coast. Wow!

My setup = Sierra @ 2 watts + Whiterook keyer + SLV/W6MMA.

BTW, thanks for coming back with your wonderful 589 signal. You were my last QSO. Then it seemed like 20 went to bed early. Wonder why?--is the old band suddenly simply suffering from the effects of aging?!! Should we all chip in for a membership in AARP for it?

72/73,

--Doc/K0EVZ qrp-l 861 norcal 2050 cq 414 mn-qrp 19 nj-qrp 69 ak/qrp 139
ARCI 9398 ARRL WAS 49/38 DXCC 48/39 <><

Sierra Argosy 525 Argo 515 HW-9 Explorer II-30 SW-30 Norcal 40a
Emtech 40-40 SW-40 TT 1340 A&A Gary Breed 30 49er 38S Mercury
Paddles MFJ 259 MFJ 941D TNT/2 Windom SLV/W6MMA HB G5RV
Autek QF-1 RS DSP-40

"Things should be as simple as possible, but no simpler"--A. Einstein

Date: Tue, 8 Jul 1997 16:27:24 -0700
From: faunt@netcom.com (Doug Faunt N6TQS +1-510-655-8604)
To: qrp-1@Lehigh.EDU
Subject: [22741] Antenna coax feed problem question
Message-ID: <199707082327.QAA06477@netcom3.netcom.com>

I'm also looking at feeding coax through walls, etc.
I'm thinking about running a weatherhead out through the roof, and it looks like ABS pipe would be the easiest material to use, but I don't know how well it will hold up to sunlight. Any information? Also, how well does it take paint, both for disguise and protection?
73, doug

Date: Tue, 08 Jul 97 16:50:00 PDT
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
To: qrp-1@Lehigh.EDU
Subject: [22742] Re: Hamstick mobile

>From: jffitton@lucent.com
> Im looking for an easier way to resonate a Hamstick
> magmounted on a vehicle, with access only at the
> (far) end of the attached coaxial cable ? 20m version

One problem with a magmount on HF is there is only a relatively ineffective capacitive reference to ground.

xmtr----coax center conductor-----antenna
gnd-----coax shield-----"capacitor"--gnd

The capacitor is a relatively high impedance at HF and makes the antenna system almost impossible to match with an SWR of 1:1. Consequently, the coax acts as a transformer and the impedance the transmitter sees depends on the coax length. And with an SWR not equal to 1:1 and 50 ohm coax, it is impossible to get 50 ohms at the transmitter.

Solution: Attach a short piece of appropriate size wire from the magmount frame to the car body metal.
Probably not what you wanted to hear. :-)

W8JI has experienced arcing across the "capacitor"
running HF QRO mobile.

73, Cecil, W6RCA, 00TC

Date: Tue, 08 Jul 1997 20:44:20 EDT
From: w4bws@juno.com (Donald E Sanders)
To: k7sz@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [22743] Re: Pixie, Thoreau, QRO
Message-ID: <19970708.205311.8279.0.W4BWS@juno.com>

I hope that anyone who pokes comments at you or anyone using BIG antennas is only jesting and using it as a way to vent their frustration at not being able, for what ever reason , to put up a BIG antenna. That is unless you try to stick it up everyone's nose-then you deserve whatever comes down.

I use a full wave loop on 30 meters and it really works great. i have the DX QSL's to prove it. Most anyone can fit that into a city yard with a 20 meter loop inside, or use 450 ohm line and a match box. This qualifies as the "brew and suds"gang BIG antenna.

Now I won't elaborate on the full wave 80 loop because I don't want it on my conscience all the heavy weepers who have to use anything less.

Don W4BWS

Date: Sun, 6 Jul 1997 02:19:48 utc
From: k7sz@juno.com (Richard H. Arland)
To: malman@BBN.COM
Cc: qrp-1@Lehigh.EDU
Subject: [22744] Re: 10m J-POLE
Message-ID: <19970706.031336.7135.6.k7sz@juno.com>

On Tue, 8 Jul 97 17:13:42 EDT Joel Malman <malman@BBN.COM> writes:
>Hummm, 6 meter J-Pole.... Got me thinking (that's trouble), but did
>anyone ever model a 10 Meter J-Pole 'vertical' build with RS 300 ohm
>twinlead, for portable use?

Several of us G5s over in England in the early 80s used 10 meter Jpoles for FM. They worked very well and were cheap to make.

73 rich K7SZ

Date: Tue, 08 Jul 1997 21:36:48 -0400
From: Jim Francoeur KC1FB <jim_kc1fb@pipeline.com>
To: qrp-1@Lehigh.EDU
Subject: [22745] ARS Spartan Sprint
Message-ID: <1.5.4.32.19970709013648.00682400@pop.pipeline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Did the Sprint with a new line-up of equipment to get my tubby station weight down.

This time I bought a RS 8XAA battery holder, used my new and wonderful SST-20 with switch for both VariCaps, ear buds and my very light Whiterook straight key. Just over one pound on the postal computer scale, so had to claim 1.1 lbs. This is with some heavy cables, maybe I can use lighter cables.....is there a holder for AAA batteries, power is the heavy weight killer.

20 meters was full of QRN and when it went long, QRM, but signals were pretty good to the far west. I was giving out my power as 1W, but I had set my SST-20 to under 1W with a fully charged gel cell and my OHR WM-1 was showing 0.7W with the 8XAA pack.

I logged six contacts ranging from LA to OR, and when I couldn't hear any new stations, got two contacts with CQ's.....at 0.7Watts.....a first for me at this level of solar activity.

So, I got better than 10 pts/lb the whole goal of the work to get the station weight down.

This was a lot of fun for two hours in the late evening on the right coast....even if I spent the preceding week building equipment that would let me play with the "little guys".
Only regret is that it is too late in the day to do it from my deck (without a mosquito netted tent)....where I operate batttery powered using all my QRP rigs during the Summer, on a variety of temporary play antennas.

A nice diversion every month....ya gotta try it!

72,

Jim KC1FB ARS# 225

Jim Francoeur KC1FB Norwalk,CT QRP-L #29

Date: Tue, 08 Jul 1997 21:51:39 EDT
From: k5zty@juno.com (WILLIAM A STIETENROTH)
To: whalen@swcp.com
Cc: qrp-1@Lehigh.EDU
Subject: [22746] Re: ant. coil, striping wire
Message-ID: <19970709.014600.5231.0.k5zty@juno.com>

Let me add one more idea to this stripping exercise. After you put one end of the wire in the vise, and before you start stripping, go to the other end of the wire and give the wire a good jerk and you will feel it stretch. This will straighten it out and take all the little bends and kinks out of it. Now your knife will just slide down wire taking one side of the insulation off. It only takes me 2 or 3 minutes to strip 50' of wire.

72,
Bill, K5ZTY
Houston,TX
k5zty@juno.com
WITHOUT CW, IT'S JUST CB
ARCI 8817, CQC 178, NOR-CAL 1321, MI 1472, NE 440
QRP-L 473

Date: Tue, 8 Jul 1997 18:53:29 -0700 (PDT)
From: Alan Kaul <kaul@netcom.com>
To: Joel Malman <malman@BBN.COM>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22747] Re: 10m J-POLE
Message-ID: <Pine.3.89.9707081840.A18484-01000000@netcom16>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 8 Jul 1997, Joel Malman wrote:

> Hummm, 6 meter J-Pole.... Got me thinking (that's trouble), but did anyone
> ever model a 10 Meter J-Pole 'vertical' build with RS 300 ohm twinlead, for
> portable use? Seems like it would not be to long and would work OK as a
> portable antenna for camping.
>

A j-pole antenna is a half-wave vertical with a quarter wave matching section. The matching sections isn't supposed to radiate -- it is supposed to be a transformer which matches 50 Ohm coax to a high impedance, end fed antenna. Technically speaking, a half-wave vertical doesn't really require radials.

I built a 10M j-pole out of tubing and convinced myself it had a lower angle of radiation than a quarter wave vertical. I used it with a converted 11M transceiver on 10 AM, but eventually gave it up for a trap vertical which worked about as well and was a lot more convenient when it came time to change bands.

Theoretically, the Rainbow Tuner performs the same function as the matching section on a j-pole. If you have a Rainbow tuner, try it with a 16-foot radiator (for 10 SSB) and let us know how it works!

73/72 de alan, w6rcl, kaul@netcom.com

Date: Tue, 8 Jul 1997 21:56:49 -0400 (EDT)
From: Kevin Bunin <p014455b@pb.seflin.org>
To: Bob Patten <n4bp@shadow.net>
Cc: 3830 Reflector <3830@akorn.net>, Peter Rimmel <n8pr@juno.com>, Kris Mraz <mraz@aud.alcatel.com>, Tim Cotton <COTTONKEY@aol.com>, Marty Blustine <75463.2664@CompuServe.COM>, David Novoa <dnovoa@juno.com>, Markus Hammelmann <markus@wg104a.wh.uni-stuttgart.de>,
Subject: [22748] Re: N4BP FD 1A, Guano Reef Bashful Perverts
Message-ID: <Pine.3.89.9707082124.C24025-01000000@pb>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

bob, you mean cw qso's i'm sure, hi hi (not cq).....heh heh
73 kevin wv5z

Kevin Bunin
p014455b@pbfreenet.seflin.lib.fl.us

Date: Tue, 8 Jul 1997 21:59:13 -0400 (EDT)
From: Kevin Bunin <p014455b@pb.seflin.org>
To: Bob Patten <n4bp@shadow.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [22749] Re: Not responding to QRP stations
Message-ID: <Pine.3.89.9707082114.D24025-0100000@pb>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

i agree about the/qrp....but i found it easy to hear the /qrp but almost impossible to hear the call sign! by then a station throws in a call sign and i hear it all and away i go.....its a tough one. 73
kevin wv5z

Kevin Bunin
p014455b@pbfreenet.seflin.lib.fl.us

Date: Wed, 9 Jul 1997 02:28:09 +0000
From: Bob Roach <KE4QOK@worldnet.att.net>
To: kaul@netcom.com, qrp-1@Lehigh.EDU
Subject: [22750] Re: 10m J-POLE
Message-ID: <19970709022804.AAA28236@LOCALNAME>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 01:53 AM 7/9/97 +0000, you wrote:

>> Hummm, 6 meter J-Pole.... Got me thinking (that's trouble), but did anyone
>> ever model a 10 Meter J-Pole 'vertical' build with RS 300 ohm twinlead, for

>A j-pole antenna is a half-wave vertical with a quarter wave matching
>section. The matching sections isn't supposed to radiate -- it is

>I built a 10M j-pole out of tubing and convinced myself it had a
>lower angle of radiation than a quarter wave vertical. I used it
>with a converted 11M transceiver on 10 AM, but eventually gave it up

Hi Guys,

I'm using a J-Pole on 10M. It is designed to hang in a tree and the radiator is #14 wire as is the tuning stub which uses a piece of 1/2 inch CPVC pipe for a spacer. It works great. I take it when I go camping (tent trailer) and I see no reason it could not be made from twin lead and work equally well. If you can get hold of an antenna analyser tuning and trimming is a breeze.

(o o)

-----o00_()_00o-----

73 es TNX

KE4QOK Real radios glow in the dark.

Bob Power is no substitute for skill.

If it stayed up last winter, it was too small.

136 Hermitage Rd.

Newport News, Va. 23606 KE4QOK@worldnet.att.net

(757)930-0348 Advanced, W5YI VE, ARRL, PARC

Date: Tue, 8 Jul 97 22:49:52 EDT

From: Joel Malman <malman@BBN.COM>

To: qrp-1@Lehigh.EDU

Cc: malman@BBN.COM

Subject: [22751] Spartan Sprint

Message-ID: <199707090250.WAA30215@nss2.CC.Lehigh.EDU>

Folks,

I got a late start ... and the bands were very bad. 20m was pretty quiet until 0200 when it went completely dead. QRN on 40m was something you would not believe! Sprint log for 7/8/97:

TIME	CALL	BAND	RST(R)	RST(S)	S/P/C	PWR
0152	AC5AM	20M	559	559	LA	2W
0218	K8WI	40M	539	559	MI	4W
0223	WJ4P	40M	559	559	SC	1W
0240	AE9K	40M	559	559	WISC	5W

Tubby QRP+ (at 4w) and a gel cell...

/joel wa1qvm (malman@bbn.com ... Concord, Ma.)

WIMPS: Qs=197 30m=179 17m=17 12m=01 States=26/04/00 DX=051/12/01

Date: Tue, 8 Jul 1997 22:50:26 -0400 (EDT)
From: Dennis Terribile <wr4i@mindspring.com>
To: qrp-1@Lehigh.EDU
Subject: [22752] SST 30m first QSO >K4TWJ !!
Message-ID: <199707090250.WAA07230@brickbat9.mindspring.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Folks..

Well, had to say the thrill of my first QSO with my freshly built SST/30m was made even more memorable in that I had my first QSO with Dave Ingram, author of the CQ Magazine QRP column! To top it off, he was testing his newly built 38 Special! And to make it even more exciting, I was using the gutters of the apartment for an antenna...(which face West and Dave was South of me...in ALA.).

The soldering iron was still smokin' when I called him in fact. I was so excited about getting the rig on the air that I made two boo-boos. A solder bridge...and a Pot that I forgot to solder in! After the sinking-feeling-in-the-pit-o-stomach went away and I had the courage to examine the rig, I quickly found the errors, and luckily hadn't smoked any components in the process. Needless to say, when I fired it up and it worked, I was excited...but then to hear Dave calling "CQ" and have him come back to me was simply icing-on-the-ol-cake! Hey, so all I got was a 339 RST...no big deal. He hung in there for a good 20min fighting the 30m QSB and my dirty gutters!

The SST? Well, have to say it went together very easily. If I can build this thing...anyone can! (I smoked my first NorCal40a then proceeded to do the same to the KC-1 I put in!. ...and i still have a Sprint II/30m that I never got to work).

So folks...I highly recommend this as a first_kit. It was fun. It was short n sweet..and it worked (well maybe not the first time!).

BTW...I notice that folks are answering my calls up freq..almost outta my bandpass. Is there a way to adjust the offset??

Thanks for reading...

72,

Dennis/WR4i

Charlottesville,VA

Date: Tue, 8 Jul 1997 22:01:16 -0500
From: "Claton Cadmus" <aplitech@spacestar.net>
To: "QRP-1" <qrp-1@Lehigh.EDU>, "Phoenix Crystals" <phxtal@nava-link.net>
Subject: [22753] Re: installation Help - coax -
Message-ID: <199707090302.WAA20688@webster.spacestar.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

John wrote to me in private email:

From: Phoenix Crystals <phxtal@nava-link.net>
To: aplitech@Spacestar.Net
Subject: Re: installation Help - coax -
Date: Tuesday, July 08, 1997 12:30 PM

Connector's correct number is S0-239.
73 John

Yup, I often make this mistake and I don't know why. Just one of the mind quirks.

Thanks and 73 de Cla KA0GKC

Date: Tue, 08 Jul 1997 20:01:53 -0700
From: Richard Wilkerson <richqrp@cts.com>
To: qrp-1@Lehigh.EDU
Subject: [22754] Spartan Sprint, results ????
Message-ID: <33C2FF21.288F@cts.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

A very BIG thank you for the ONE and only contact on a very bad 40 mtr band last night. K6PZB!!!!!!

--

72's..... Rich
Rich Wilkerson, WD6FDD, Santee, Ca.
NorCal, ARCI, ScQRPions, E.C.R.A.
Boatanchors

Date: Tue, 08 Jul 1997 20:03:04 -0700
From: Bill Todd <bill@techline.com>
To: p014455b@pb.seflin.org
Cc: qrp-1@Lehigh.EDU
Subject: [22755] Re: Guano Reef Bashful Perverts
Message-ID: <1.5.4.32.19970709030304.006d65a4@mail.techline.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 09:56 PM 7/8/97 -0400, you wrote:
>bob, you mean cw qso's i'm sure, hi hi (not cq).....heh heh
>73 kevin wv5z
>
>
>Kevin Bunin
>p014455b@pbfreenet.seflin.lib.fl.us

Boy - I think the "Bashful Perverts" should get some kind of award for the BEST QRP Group Name for Field Day. Someone bring this up at Dayton!

BCNU,

CUL - Bill-N7MFB
<http://www.techline.com/~bill>
Newly updated 7/8/97

Date: Tue, 8 Jul 1997 20:49:11 -0700
From: talljazz@teleport.com (Dan Presley)
To: qrp-1@Lehigh.EDU
Subject: [22756] "Choking" the SST
Message-ID: <v01530514afe8b9641eb8@[206.163.125.19]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I couldn't locate (locally) a 5.6uH choke for my 20M SST, to replace the 6.5 choke in the VX0 circuit. I did find a 4.7, so was wondering if I can wind a few turns on it to get it up around 5.6. Anyone have a 'formula', or suggestions? Also, this is a smaller molded choke than supplied w/ kit-any problems? Thanks!
Dan N7CQR

Date: Wed, 9 Jul 1997 00:54:59 -0400 (EDT)
From: DYARNES@aol.com
To: dmaliniak@penton.com, qrp-1@Lehigh.EDU
Subject: [22757] Re: "Renewal" batteries
Message-ID: <970709005457_-991000403@emout14.mail.aol.com>

In a message dated 97-07-08 21:00:30 EDT, dmaliniak@penton.com (Dave Maliniak) writes:

<< you can in fact expect *thousands* of short-discharge cycles from Renewal batteries. Deep-discharging them can have the reverse effect of shortening their life expectancy. >>

I think I agree with this too from experience. I had 4 Renewals in a portable radio that apparently was left on--batteries discharged down to a few millivolts and would not recharge. Other than that, I have had very good luck with these batteries and use them in flashlights, radios, und so weiter!

I no longer buy ni-cads for my HT's--just a case that will hold AA's and I use Renewals. They work very well in this application, and, as I posted before, with my Sierra at 2 watts. I find ni-cads to be expensive (especially for HT's, etc.) and generally a pain in the butt! Renewals may not be much, if any, less expensive. But, they sure are a lot easier to deal with in many uses. This is especially so if you can use AA's with the small charger. The AA's recharge very quickly (like a couple of hours), and seem to last a good while. Remember, they are 1.5 volts too vs. 1.2 volts. PLUS, if you have a problem, or forget your spares, or whatever, you can pick up a fresh supply at the drugstore!

I guess I have reached the point in life where convenience is everything (or darn near it), and saving a penny or two (and that's about all we're really talking about) isn't that big a deal. Just buy stock in Rayovac and quit worrying about it!!!

72 de David W7AQK

Date: Tue, 8 Jul 1997 21:31:39 -0700
From: Steve Silverwood <kb6ojs@earthlink.net>

To: "'bcutter@teal.csn.net'" <bcutter@teal.csn.net>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [22758] RE: Portable logging computers
Message-ID: <01BC8BEB.84971300.kb6ojs@earthlink.net>

I've used all sorts of PCs for logging. Just now starting to use the new Toshiba Libretto 50CT, which is all of 1.8 lbs. but sporting a 640x480 color display and a 75MHz Pentium and Win95. Prior to that I've used a Toshiba T2000Sx 386sx system, which is much better for outdoor use because it uses a mono lcd display that doesn't become invisible in the sunlight, and a Toshiba T1000 that has much the same attributes but is WAY miserly on battery consumption (being it's an XT-class system and has no hard drive, just a single floppy and an optional RAM disk). I've also used a dual-floppy Sharp notebook, but it was a lot heavier and didn't hold up on batteries as long as any of the others did.

Yes, I'm biased toward Toshiba notebooks -- not because I work here, but the opposite: I came to work here because I liked Toshiba computers so much! ;-)

On 04 July, 1997 13:13, Bob Cutter [SMTP:bcutter@teal.csn.net] wrote:
> I get on this kick after every FD and promise to do something better for
> next year. What are you people out there using for computer logging? How
> about the new palmtops, Psion, etc, anyone using them? Russ Carpenter is
> using an Apple Newton.
>
> I have used a 286 laptop running CT and a RS M100 using a very old tape
> loaded program. Several years ago I swore I would never work/dupe another
> contest without a computer and I have been true to the promise. It really
> is a joy to get rid of paper logs and dupe sheets.
>
> 72, Bob KI0G
>

Date: Tue, 8 Jul 1997 21:31:48 -0700
From: Steve Silverwood <kb6ojs@earthlink.net>
To: "'k7sz@juno.com'" <k7sz@juno.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [22759] RE: Portable logging computers
Message-ID: <01BC8BEB.90E78A40.kb6ojs@earthlink.net>

Did you look into getting the RAM drive option for the T1000? By default, you get 512K of memory, but with this card (768K memory expansion) you can use it to backfill the onboard memory up to 640K and then use the rest as a non-volatile RAM drive. VERY handy, and saves a LOT in terms of power

consumption. You'll still want to store your data to floppy, but you can have the programs in the RAM drive and log to floppy for security. FYI.

-- //Steve//

Steve Silverwood Toshiba America Information Systems
CompuServe: 76703,3035 Internet: kb6ojs@earthlink.net
Homepage: <http://home.earthlink.net/~kb6ojs/>

On 01 July, 1997 16:31, Richard H. Arland [SMTP:k7sz@juno.com] wrote:

>
> On Fri, 4 Jul 1997 14:12:47 -0600 (MDT) bcutter@teal.csn.net (Bob Cutter)
> writes:
> > What are you people out there using for computer logging?
> >How about the new palmtops, Psion, etc, anyone using them?
>
> Bob and Gang:
>
> I use two OLD Toshiba 1000-series (1000 and a 1100) laptops that have LCD
> screens and only draw about 200 to 300 ma with out the floppy drives
> spooled up.
>
> I got mine from N6GA in California....Cam goes to the Livermore swapmeets
> and they show up out there quite often.
>
> Price is about \$40 each which is a great value for money.
>
> Neither computer has a HDD....instead you have to load from a system
> disk.....I have managed to trim down K8CC's NA Contest Software to fit on
> a single 720K floppy and it works fine in both machines. I imagine that
> someone can cut CT down also, to get it to wrk in a small machine like
> the Toshibas.
>
> Another thing aobut the Toshibas is the lack of RFI (at HF) from the
> machine. This is a real plus.]
>
> My next computer selection would be one of the older GRiDs...a 1520 or
> whatever, with a HDD. The major reason that I like these units is that
> they are virtually indestructable. They sport a titanium case and we used
> them with the Hammer Ace mobile SATCOM terminals in ;the Air
> Force....they would come back all scuffed up with grass and mud in the
> keyboards, but they NEVER failed to work. They are absolutely bullet
> proof (figuratively speaking).
>
> the only drawback with the GRiDs is that they are battery hogs. You have
> to have a DC-to-DC converter to run from 12 Volt batteries. Athe gas
> plasma screens can contribute to RFI, in some cases.

>
> Hope this helps.
>
> 73 es enjoy the 4th.
>
> rich K7SZ
>

Date: Wed, 9 Jul 1997 03:55:10 -0400 (EDT)
From: Bob Patten <n4bp@shadow.net>
To: Bill Todd <bill@techline.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [22760] Re: Guano Reef Bashful Perverts
Message-ID: <Pine.SOL.3.91.970709035132.3510K-100000@hyper>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 8 Jul 1997, Bill Todd wrote:

> Boy - I think the "Bashful Perverts" should get some kind of award for the BEST
> QRP Group Name for Field Day. Someone bring this up at Dayton!
>

During one of our Field Days from Fiesta Key in the 80's, N4UM surprised me by signing "November Four Bashful Pervert" on SSB. Fiesta Key has always been pretty much whitewashed by dropping from seagulls and pelicans, hence the name Guano Reef...

Bob Patten, N4BP	Plantation, FL
n4bp@shadow.net	http://www.shadow.net/~n4bp/n4bp.htm
Brass Pounder BBS (954) 472-7715	

Date: Wed, 9 Jul 1997 11:43:09 GMT +1
From: "Karl-Heinz Merscher" <Karl-Heinz.Merscher@stud.uni-bayreuth.de>
To: qrp-l@Lehigh.EDU
Subject: [22761] RUFZ V3
Message-ID: <199707090943.LAA14813@btr0xe.hrz.uni-bayreuth.de>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

Hello to qrp community:

relativly "fresh" from the HAM-RADIO Friedrichshafen

check out DL4MM's latest version of RUFZ at

<http://www.geocities.com/SiliconValley/Park/4182>

a great training software for callsign listening
with fun factor > 100

73's de DL6RDE / AA1KD, Karl-Heinz

```
*****
* DL6RDE / AA1KD Karl-Heinz Merscher      *
* member of the bavarian contest club     *
*      DIG 5059, DOK U17                   *
*      ARRL voluntary examiner            *
*****
```

Date: 09 Jul 97 06:35:02 EDT
From: Markus Zimmermann <100724.2637@CompuServe.COM>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [22762] Wanted: MR-1 or PM-1 from Ten-Tec
Message-ID: <970709103502_100724.2637_EHQ81-1@CompuServe.COM>

Hi gang,

If you have a MR-1, a PM-1 or a PM-2 (as a kit or already built) for sale,
please let me know. A very good price will be payed. Any other information about
the PM-rigs are welcomed (any expences for photo-copies will be payed in
advanced).

Many thanks
Markus, HB9JNH
Ten-Tec collector

Date: Wed, 9 Jul 1997 05:56 CDT
From: FAITHD@dnr.state.wi.us (Don C. Faith III, AM/7, \ (608\) 267-3135)

To: qrp-1@Lehigh.EDU
Subject: [22763] Re: coil info
Message-ID: <009B6FB55057D8C8.598F@dnr.state.wi.us>

People have been using weed wacker line for making W6AAQ DK3 "screwdriver" antennas for a few years (again for those w/o a lathe). One limitation of this is that I have not been able to find long lengths of the 0.050" line typically used for 16 ga. wire (50 ft. is the longest length I have found of this gage of nylon) and I ended up splicing two pieces together (using heat to melt the ends of two 50' pieces, joining them and trimming the result when I was making my DK3 last winter).

I also wrote the Co. that packaged the line to see if longer lengths were available but longer lengths were not available (through them). I am going to check out the 150 lbs test line to see if it comes close to the 0.050".

Long lengths (i.e. 200 ft. or more) of the weed wacker line are available in 0.064" and 0.080" (i.e. 14 ga. and 12 ga. respectively). Here, the lines are often color coded w/ the 0.064" a blue line and the 0.080" orange. I have seen green lines but am not sure if that is also a 0.064". The 0.050" lines have been white.

73 (es 72) de N9WR, Don C. Faith

Date: Wed, 9 Jul 1997 08:24:44 -0500
From: Brian Cieslak <brianc@ams-i.com>
To: "'QRP-L'" <qrp-1@Lehigh.EDU>
Subject: [22764] Re: Pixie, Thoreau, QRO
Message-ID: <c=US%a=%p=Adaptive_Micro_S%l=AMS-I_SERVER_-970709132444Z-5546@ams-i-server-1.ams-i.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

everything I always read and was taught was the output power of a rig was the power applied to the final output stage of the transmitter. 100 volts on the final plate...50 ma final cathode current is 5 watts...If your final amp stage is inefficient and you get only 3 watts RF to the antenna connector, too bad...If you raise the current or voltage to the final to bring it up to 5 W RF out your not QRP anymore...but if you take your 3 W RF and apply it to a 3 db gain ant and get 6W (though it may all be directed in one direction) out, your a clever QRP'er. I'm going to go out on a limb here but with gain antennas your not generating any new power your just redirecting power from one part of the pattern aan adding to another part of the pattern. Even if your rig

consumes 100w of line power to operate as long as the 5w is applied to the final amp your still QRP.

My 3 cents worth..
Brian AE9K

Date: Wed, 09 Jul 1997 08:39:22 -0500
From: AA0QX <AA0QX@prodigy.net>
To: qrp-1@Lehigh.EDU
Subject: [22765] Re: "Renewal" batteries
Message-ID: <33C3948A.9B9@prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

DYARNES@aol.com wrote:

> I no longer buy ni-cads for my HT's--just a case that will hold AA's and I
> use Renewals. They work very well in this application, and, as I posted
> before, with my Sierra at 2 watts. I find ni-cads to be expensive
> (especially for HT's, etc.) and generally a pain in the butt! Renewals may
> not be much, if any, less expensive. But, they sure are a lot easier to deal
> with in many uses. This is especially so if you can use AA's with the small
> charger. The AA's recharge very quickly (like a couple of hours), and seem
> to last a good while. Remember, they are 1.5 volts too vs. 1.2 volts. PLUS,
> if you have a problem, or forget your spares, or whatever, you can pick up a
> fresh supply at the drugstore!

I, too, have had good results from the renewals. I use them in my
40-40 rig all the time. I put one in a pager, and it drained down so
far that the recharger light would not even come on. I left it in
overnight and it eventually recharged! It's still working.

These Renewal batteries are available at Target for about \$1 a piece in
AA size. Best deal I've found.

72 de Austin AA0QX

Date: Wed, 09 Jul 1997 08:48:38 -0500
From: Paul Cereste <cereste@myapc.com>

To: brian@ams-i.com, qrp-1@Lehigh.EDU
Subject: [22766] Re: Pixie, Thoreau, QRO -Reply
Message-ID: <s3c35e37.091@myapc.com>

the INPUT power is the volts X current
applied to the plate of a tube amplifier.
OUTPUT power is just output power
regardless of efficiency. Discussions
regarding solid state amplifiers don't
usually consider input power.

73, Paul K1CGZ

Date: Wed, 9 Jul 1997 09:48:29 -0400 (EDT)
From: W3GX@aol.com
To: jfitton@lucent.com
Cc: qrp-1@Lehigh.EDU
Subject: [22767] Re: Hamstick mobile
Message-ID: <970709094750_-1695465639@emout14.mail.aol.com>

One piece advice(?) on your mag mount hamstick:

I have hamsticks mounted one at a time on the roof of my car with the 3 magnet
heavy duty mount.

If I rely on the magnets and capacitive coupling to ground the base of the
antenna to the car body the system isn't as efficient. I took a strap from
the mag mount itself and attached it with a sheet metal screw to the car
body just inside the hatchback opening. Length of strap is perhaps 14
inches.

The difference is noticeable. The tuning is sharper (the Q went up) and the
length of the stinger for resonance at a given frequency is different. I
get out both on 20 M and on 40 M.

Moral of the story, I think, is unless you're at VHF, don't trust the
capacitive coupling to really make the bottom of your hamstick think it's
sitting on a ground or counterpoise made up of the car body. Use a real
metal to metal connection, close to the mount.

I think once you do this the resonant point for the stinger will be easier to
see with the equipment you have. I use an MFJ 249 analyzer.

According to Lakeview, the length of the stinger should be pretty close to

that shown on the graph that comes with the antenna. My experience is within an inch and a half.

Hope that's useful

Date: Wed, 9 Jul 1997 09:59:58 -0400 (EDT)
From: W3GX@aol.com
To: ccart@dns.vidtel.com
Cc: qrp-l@Lehigh.EDU
Subject: [22768] Re: AA5EA QSL? es 3o M QRP-L Calling freq.?
Message-ID: <970709095957_192223582@emout12.mail.aol.com>

I'm not sure about the etiquette on going in for a desired contact when it looks like someone who is trying is going to have to give up. Maybe someone can advise.

As for me, if I'm struggling to get a return on 30 M with QRP power, and after a while another station throws in his call and the distant station answers him right away, I feel as though the distant sta couldn't hear me well enough anyway, so I should either raise power and try again or let the guy go. Not a big problem to me. At QRP not EVERYONE can hear you.

If it's important to stay at QRP because of the conditions I'm investigating or it's a contest, or if everyone else is at QRP around there and my going QRO will raise the interference level then I have to take all that into consideration and not raise power.

I've found that I learn something new about 30 M and my operating setup every time, whether I get a return or not. Since I don't really collect QSL cards, getting one or missing one is not a big deal.

If you hear me trying to get someone and it doesn't seem to be working, go ahead and jump right in.

I guess the only thing I'm adamant about is if there's a contest and I represent points to a guy running a freq., and he won't slow down enough for me to get a clear copy of his report, then I won't give him anything but my call sign.

72 de W3GX
John Foote

Date: Wed, 09 Jul 1997 10:16:35 -0700
From: Jim <kw3u@warwick.net>
To: qrp-l@Lehigh.EDU
Subject: [22769] autech qf1a info
Message-ID: <33C3C773.187@warwick.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all;

Had fun at the annual Wilkesbarre Pa hamfest and found
a outboard filter for my argo 505. Its a mint condx Autec
QF-1A :) but no manual :(Plugged it in my icom 725 to test
and its doing its thing well, but the operator isnt too sure
about what settings and knobs shud be tinkered with.

If anyone could provide a copy of manual I would be happy
to pay for it of course. Also a question...it runs off AC but
since I didn't see any tube filaments light inside can I hope
it might run off an internal battery or be easily modified?

TNX & 72

Jim KW3U

Date: Wed, 9 Jul 1997 10:17:13 -0400 (EDT)
From: W3GX@aol.com
To: QRP-L@Lehigh.EDU
Subject: [22770] Vanity call fees
Message-ID: <970709100955_1278821604@emout15.mail.aol.com>

Re - Vanity call signs:

The proposed fee is to be 50.00 for ten years, not per year. Following is
partial text of FCC proposed fee hike, which I understand WILL go into effect
Sept. 6., 1997.

The FCC has proposed raising the fee for a vanity call sign from \$30 to \$50
for the 10-year license term. The fee increase was
among those included for all FCC-regulated services--including broadcasters
and commercial satellite services--in Notice of
Proposed Rulemaking 97-49. Fee adjustments are an annual exercise for the
FCC, which says it must calculate its fees to
"recover the amount of regulatory fees that Congress has required it to
collect in FY 1997." The FCC said the regulatory fees
will recover the costs of enforcement, policy and rulemaking, international
and user information activities for FY 1997, which

began last October 1.

"We are proposing that applicants for amateur vanity call signs will pay a \$5 annual fee per call sign, payable for an entire 10-year license term at the time of application," the NPRM states. Under the proposal, all FCC-imposed \$3 annual fees will increase to \$5 per year, which is the lowest fee in the new schedule. The FCC said it anticipated 10,000 applications for vanity call signs in FY 1997.

Get you applic. in before Sept. and save \$20.00

Date: Wed, 09 Jul 1997 10:18:22 -0400
From: Ed Pacyna <pacyna@auratek.com>
To: qrp-l@Lehigh.EDU
Subject: [22771] Re: Pixie, Thoreau, QRO -Reply
Message-ID: <3.0.16.19970709101448.086f346e@galaxy.auratek.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 08:48 AM 7/9/97 -0500, Paul Cereste wrote:
>Discussions regarding solid state amplifiers don't
>usually consider input power.

Really??

And why is that?

Ed
W1AAZ

Date: Wed, 9 Jul 1997 10:26:59 -0400 (EDT)
From: Bob Schreibmaier <k3ph@dxis.monroe.pa.us>
To: MNHopkins@aol.com
Cc: QRP-L@Lehigh.EDU
Subject: [22772] Re: [22659] Pixie, Thoreau, QRO

sections the feed it through the bends.

One caution - I read, I believe it was the Tower Talk list, about melting the coating off the coax while people were in the process of pulling new coax through tight spaces. It was suggested that all the old coax be pulled out each time a new piece was added and all the coax be pulled back through together.

de KB0ROL/AG, Brad

Date: Wed, 9 Jul 1997 09:26:47 -0500
From: Mark Oeltjenbruns <marko@winternet.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [22774] 49Mhz to 6Meters conversion?
Message-ID: <01BC8C4A.3B368AB0@SPLASH>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

Looking at the latest Radio Shack flyer something caught my eye. They = are selling a 49Mhz walkie-talkie for about \$5. Has anyone seen any = plans for modifying these to work on 6 meters? The price would sure be = right. It even included a CW key built in!

-Mark
-N0CCQ

Date: Wed, 9 Jul 1997 07:35:28 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-1@Lehigh.EDU
Subject: [22775] Hawaii on 20m - Good Op
Message-ID: <199707091435.HAA26323@usr03.primenet.com>

Howdy Folks,

For any of you needing HI on 20m for whatever reason (or if you just plain like to chat with the tropics), I had a *very* nice ragchew (~45 minutes) last night with Dave NH6SV on Oahu.

He was running 90w to my 4w, and we had easy copy the whole time. Guess his 2-element yagi helped, but I'd like to give some credit to my Fox Raider 3000 too. :) He says he's on 14.040 alot, generally between 0500Z-0700Z.

Good ears, good fist, and he even owns an MFJ-9020. Yes, I know what you're thinking - I'm going to meet him again next week and see if I can talk him into calling CQ with the 9020. I may *finally* have a chance at 2xQRP Hawaii. :) Hey, who's in charge of the WAS 40-50 thing? Maybe we could talk him into trying that?

Anyway, just for your info. I know there must be some new QRP guys who haven't worked HI yet. Go get 'em. Ask him how his geckos are doing.

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"And then you must cut down the mightiest tree in the forest with... A HERRING!"

Date: Wed, 9 Jul 1997 10:37:33 -0400
From: Sam Billingsley <sbillingsley@mindspring.com>
To: "Qrp-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [22776] HOTWATER MODS
Message-ID: <01BC8C54.26956E00@user-37kbnf7.dialup.mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

I was looking in an old QRP Classics (ARRL 1990) and saw a reference to = a book or pamphlet that covered HW-8/HW-9 mods. I believe the author was = named Bryce (sp?). Does anyone know how to get a copy? I just picked up = an unmodified HW-8 at the Atlanta Hamfest and would like to play with = it.

I am a DIGEST mode list user so please send a direct response to me = unless you like this with the useful to others.

Sam Billingsley, AE4GX e-mail sbillingsley@mindspring.COM
Atlanta, GA 30342
Wire Antennas, Butternut Vert, AEA IsoLoop
Ramsey 1w 40 mtr xmtr/rcvr norcal # 2210 MI-QRP # 1567
Index Labs QRP+ (#928) qrp-l # 1033 ARCI # 9356

NorCal 38S w/5w/Tick (#927) G-QRP # 9660 ARS # 269
HW8 (no mods)

Date: Wed, 9 Jul 1997 08:27:37 -0600
From: "Bob Follett" <bfollett@ditell.com>
To: <n5em-qrp@msn.com>
Cc: "QRP-L Group" <qrp-l@Lehigh.EDU>
Subject: [22777] Re: Pixie, Thoreau, QRO
Message-ID: <199707091445.IAA26600@mars.ditell.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Gang:

Ed Manuel wrote:

<< Could our next conceptual hurdle be Effective Radiated Power?
Do we really think 4.5 W to a 5-wavelength vee is QRP within the
doctrinaire 5W out definition?>>

What I find interesting about this discussion is that, rarely, is frequency mentioned. I assume that Zack would not think a 5 wavelength vee was a particularly high gain antenna where he hangs out. On the other hand, on 160M, that would be considered a killer.

OK, two extreme examples. But what about 10 to 15M? I assume that lots of folk, limited to wire, still don't stick with the ubiquitous dipole at the upper end of HF -- an Extended Double Zepp comes to mind.

The problem I have with these antenna discussions is that the specific objective for any single individual on this list is rarely fully stated. What is it you want your antenna to do? What band, what erection limitations (no pun intended), cost, ease of erection, etc. The fact is, we all have unique sets of needs, driven by a specific band, a specific event, a specific part of the solar cycle and time of day.

To me, the folk on this list like LB, Cecil, and many others, throw out a variety of ideas that we should all add to our antenna vocabulary such that when we evaluate a specific set of needs, i.e., upcoming Fox season, we have more ideas to chose from. Going back to Ed's comment, I think we would all like to put out the greatest ERP in the direction(s) we want in any given situation, whether mobile, or drooling over W6AM's array of 120' poles on the

top of Palos Verdes, CA. (Now removed)

Sure, we all get envious when someone like Randy operates with stacked arrays, but is it wrong for QRP? Not in my opinion--unless there is a contest that attempts to level the playing field with antennas, say, everyone must use a SLV mounted on the ground w/4 radials, trying to improve your ERP to meet your needs is what hamming is all about.

End Soapbox. 73, Bob - With a measly R-7 vertical and no wire supports higher than 22'.

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Date: Wed, 9 Jul 1997 07:47:46 -0700 (PDT)
From: Bradley Mitchell <wb8ygg@rocketmail.com>
To: qrp-l@Lehigh.EDU
Subject: [22778] Re:Pixie, Thoreau, QRO
Message-ID: <19970709144746.10804.rocketmail@send1.rocketmail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Let's draw an analogy:

Power is to Temperature
as
ERP is to Wind Chill

Ok, tangential vector correction received.

73 Brad WB8YGG

Sent by RocketMail. Get your free e-mail at <http://www.rocketmail.com>

Date: Wed, 9 Jul 1997 09:55:06 -0500

From: Brian Cieslak <brianc@ams-i.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Cc: Brian Cieslak <brianc@ams-i.com>
Subject: [22779] 50/40/30 results from WI
Message-ID: <c=US%a=_%p=Adaptive_Micro_S%l=AMS-I_SERVER_-970709145506Z-5623@ams-i-server-1.ams-i.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Here are the results of my 50/40/30 effort from Waterford, Wisconsin.
Bands were noisy and some of the signals were getting beat up by QSB.
Thank God for DSP.

I suspect the ball game started at 02:00 Z cuz 40 was dead when I
switched over. Suprising since there were so many in the Spartan Sprint
the night before. I enjoyed the QSO's ... most were more than just a
quick exchange. Even a few QRP'ers who didn't know about QRP-L...how can
that be?

The QRO ops that called me were most gracious to help me 'chase WAS'
thinking I was some peanut whistle trying to rack up states. I guess
they're not all bad.

-----30 METERS

00:04 KF2PH/M 559 NY NICK 2W
00:16 WA1QVM 579 MA JOEL 1W
00:25 W1KP/4 579 NC BRIAN 100W
00:33 WD3P 559 MD LARRY 2W
00:38 KD1P 559 NH KEN 4W
00:40 W3LN 559 PA ABE 40W
01:05 KT3A 579 PA CAM 5W
01:08 K4GT 559 GA JIM 3W
01:12 K5ME 569 MD BOB 100W
01:26 W3CKU 559 PA JIM 5W
01:32 NR1W 579 ME FRAN 100W
01:41 K4BAI 569 GA - 5W
01:47 K1CL 459 MA CHUCK 4W
01:51 W5OU 599 TX GORDON 100
01:54 W5QJM 559 TX FRED 5W
01:57 KA5T 559 TX LARRY 5W
02:04 KF6CTA 349 CA DICK 5W

-----40

METERS-----
02:17 KF6CTA 339 CA DICK 5W
02:27 KA5T 559 TX LARRY 5W
02:42 AF4AR 229 TN MIKE 100W

02:58 WB4EXW 469 -- WATSON 5W